

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055980.D
 Acq On : 15 Dec 2022 17:07
 Operator : CG/JU
 Sample : N6048-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-22

Quant Time: Dec 16 04:04:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.377	152	8322	20.000	ng	0.00
21) Naphthalene-d8	11.209	136	32012	20.000	ng	# 0.00
39) Acenaphthene-d10	14.981	164	28242	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	77870	20.000	ng	0.00
76) Chrysene-d12	22.020	240	79486	20.000	ng	0.00
86) Perylene-d12	25.522	264	94698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.892	112	41842	117.913	ng	0.00
7) Phenol-d6	7.502	99	53590	117.420	ng	0.00
23) Nitrobenzene-d5	9.546	82	34030	74.287	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	76960	113.010	ng	0.00
45) 2-Fluorobiphenyl	13.612	172	138759	68.907	ng	0.00
79) Terphenyl-d14	20.293	244	318904	70.909	ng	0.00

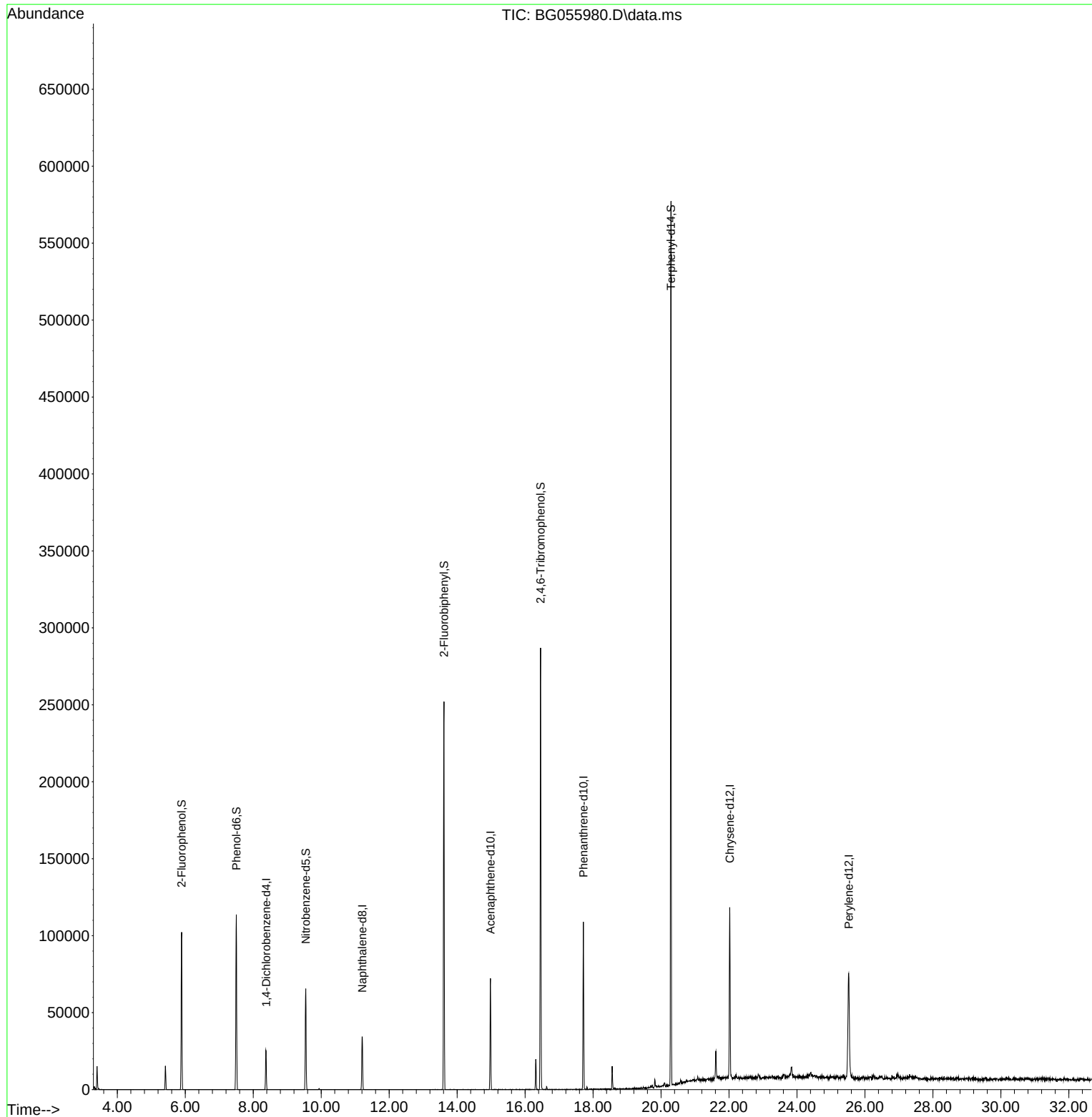
Target Compounds	Qvalue

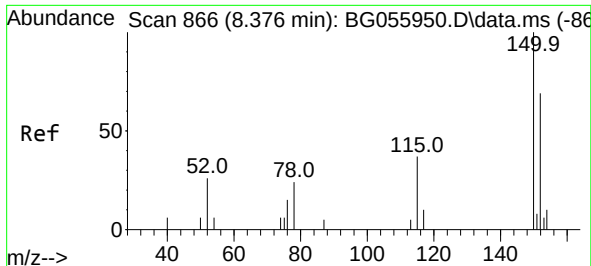
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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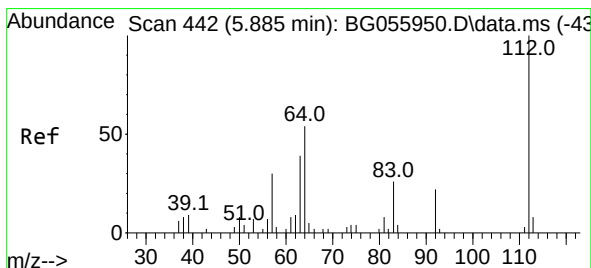
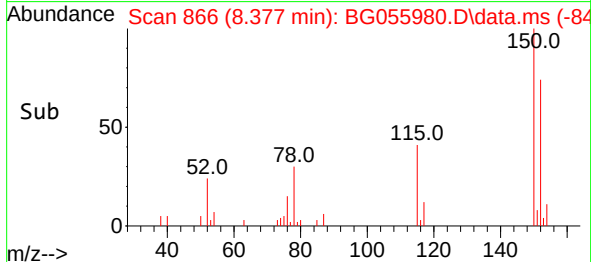
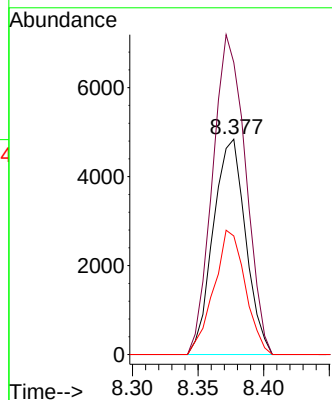
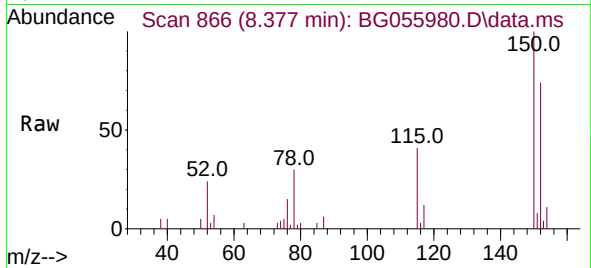




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.377 min Scan# 866
Delta R.T. 0.001 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

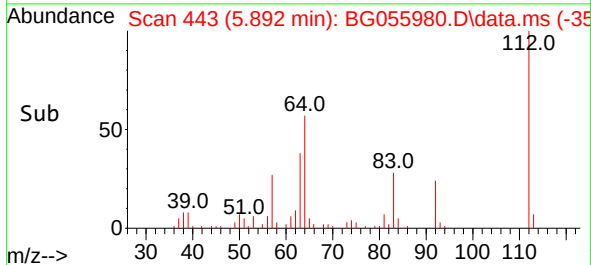
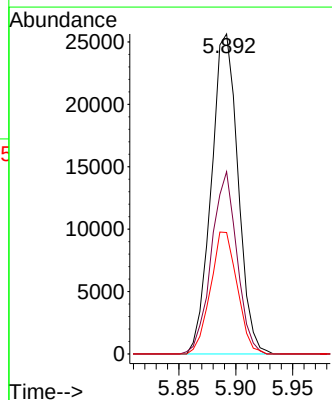
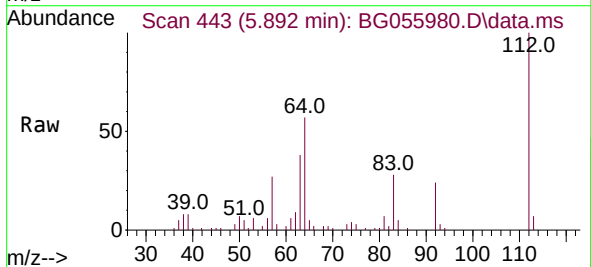
Instrument :
BNA_G
ClientSampleId :
MH-22

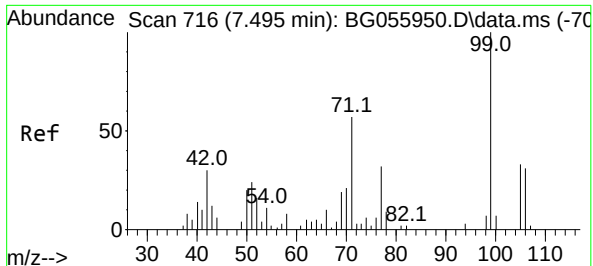
Tgt Ion:152 Resp: 8322
Ion Ratio Lower Upper
152 100
150 135.6 115.7 173.5
115 55.1 43.0 64.4



#5
2-Fluorophenol
Concen: 117.913 ng
RT: 5.892 min Scan# 443
Delta R.T. 0.007 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

Tgt Ion:112 Resp: 41842
Ion Ratio Lower Upper
112 100
64 56.9 43.0 64.4
63 37.9 31.4 47.2

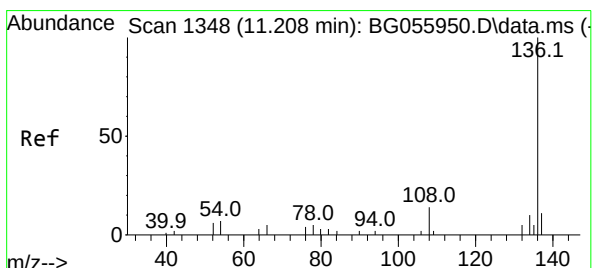
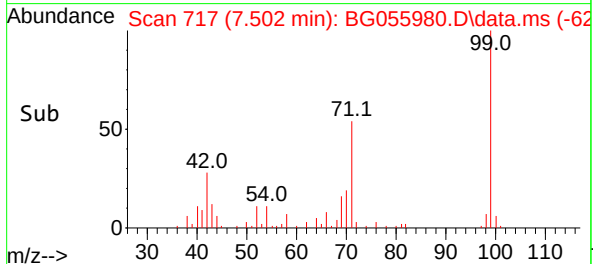
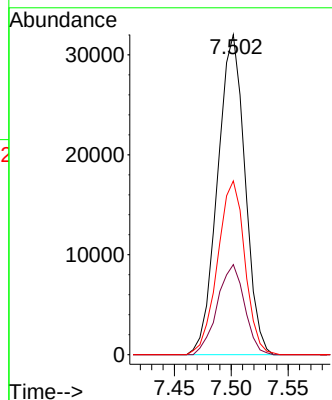
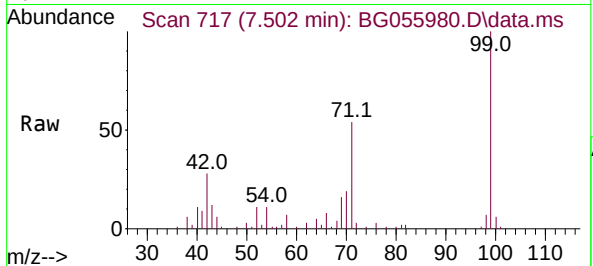




#7
Phenol-d6
Concen: 117.420 ng
RT: 7.502 min Scan# 716
Delta R.T. 0.007 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

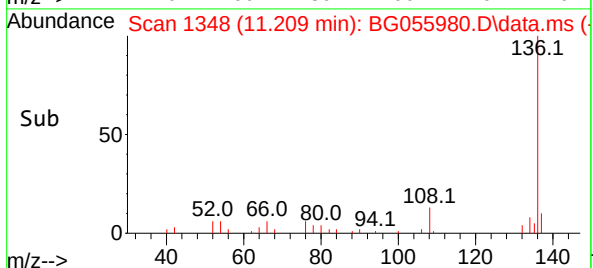
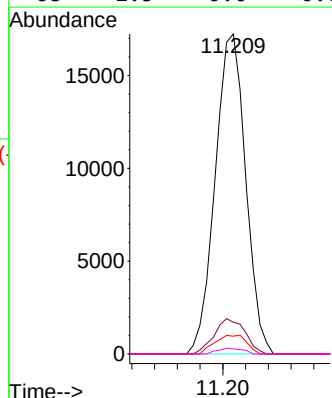
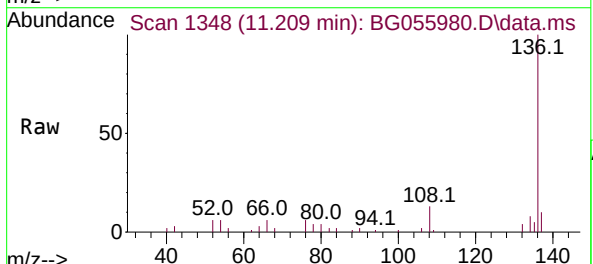
Instrument :
BNA_G
ClientSampleId :
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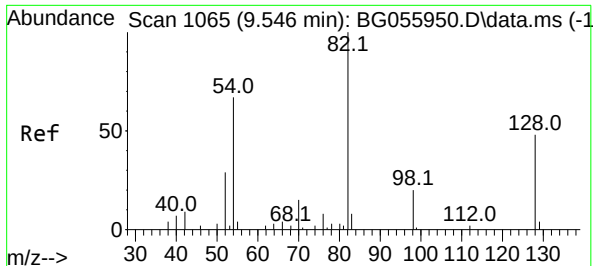
Tgt Ion: 99 Resp: 53590
Ion Ratio Lower Upper
99 100
42 28.2 24.3 36.5
71 54.3 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.209 min Scan# 1348
Delta R.T. 0.001 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

Tgt Ion: 136 Resp: 32012
Ion Ratio Lower Upper
136 100
137 9.9 9.2 13.8
54 5.5 5.6 8.4#
68 1.5 0.0 0.0#

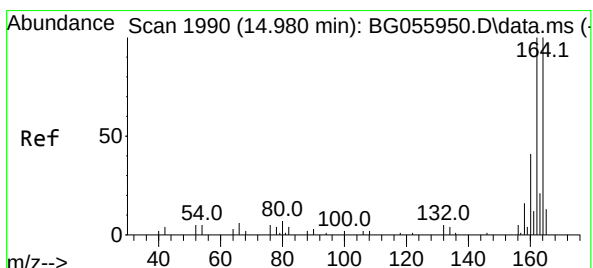
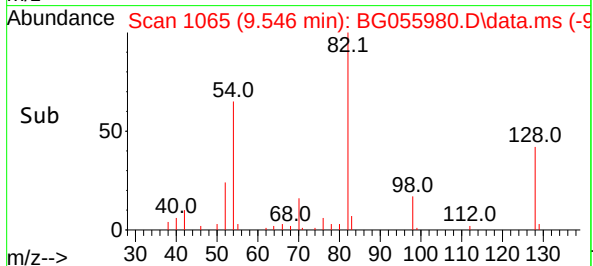
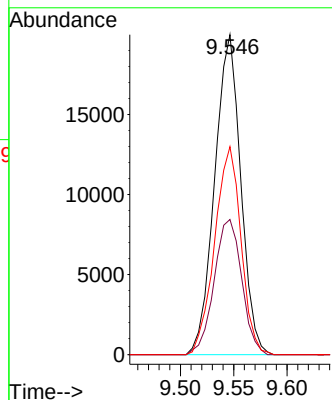
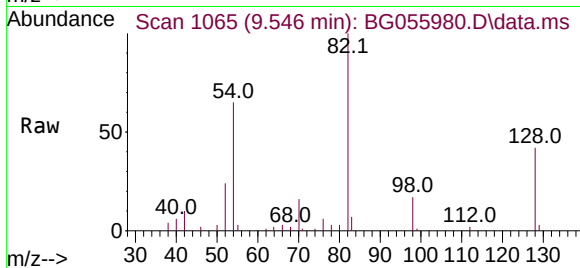




#23
Nitrobenzene-d5
Concen: 74.287 ng
RT: 9.546 min Scan# 1065
Delta R.T. 0.001 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

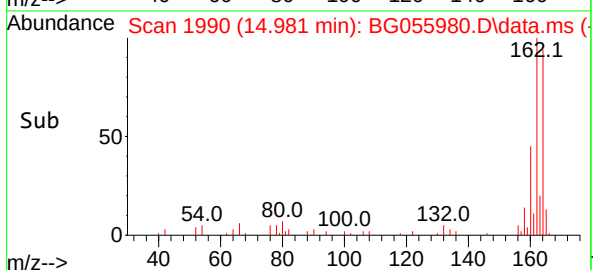
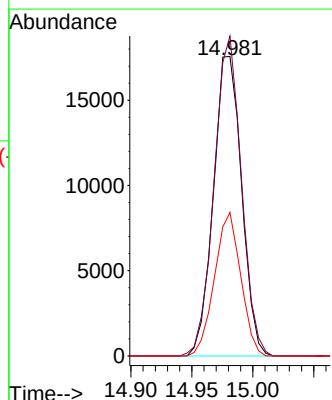
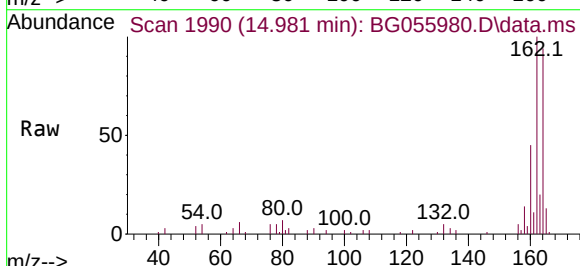
Instrument :
BNA_G
ClientSampleId :
MH-22

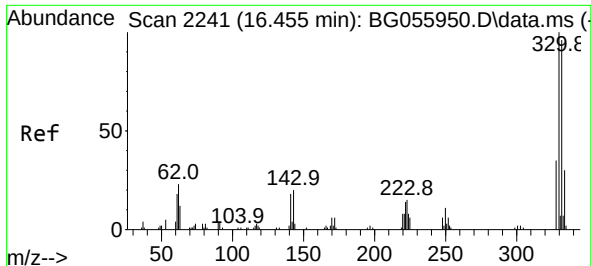
Tgt Ion: 82 Resp: 34030
Ion Ratio Lower Upper
82 100
128 42.2 38.4 57.6
54 65.0 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.981 min Scan# 1990
Delta R.T. 0.001 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

Tgt Ion: 164 Resp: 28242
Ion Ratio Lower Upper
164 100
162 106.9 79.8 119.8
160 47.9 33.0 49.4

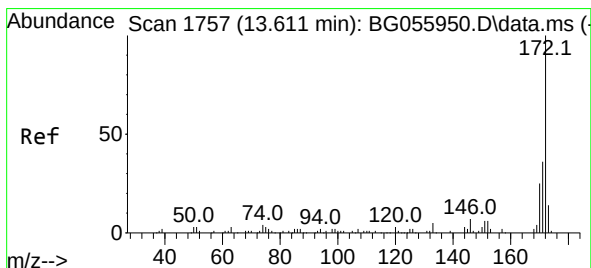
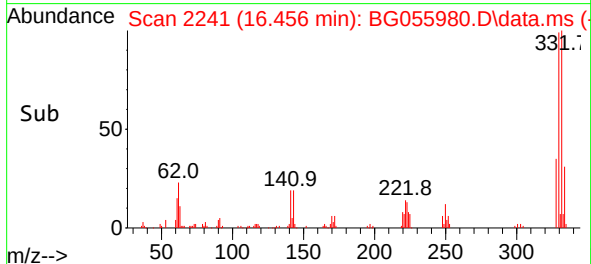
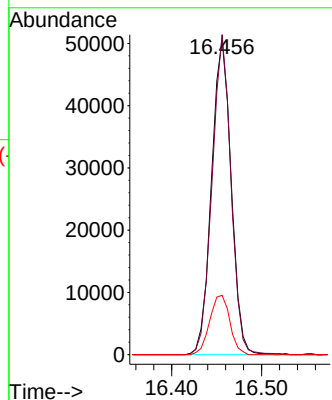
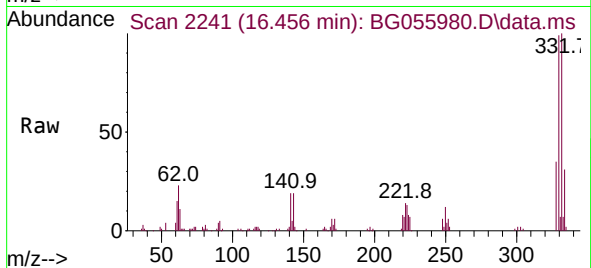




#42
2,4,6-Tribromophenol
Concen: 113.010 ng
RT: 16.456 min Scan# 2241
Delta R.T. 0.001 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

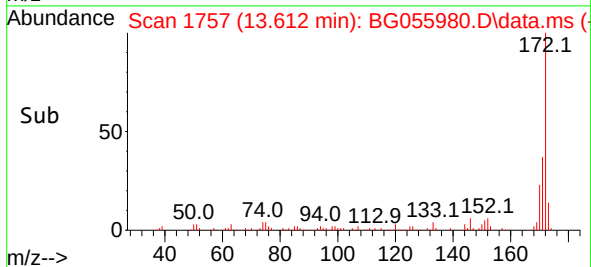
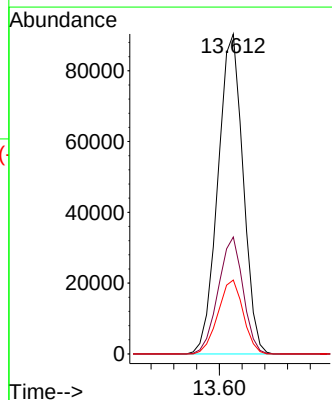
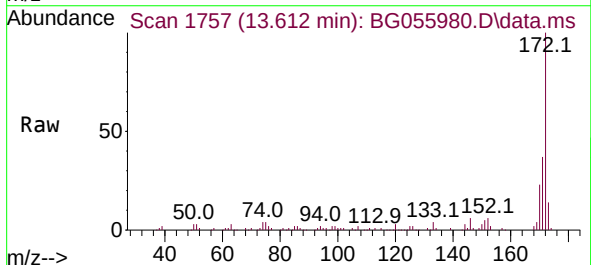
Instrument :
BNA_G
ClientSampleId :
MH-22

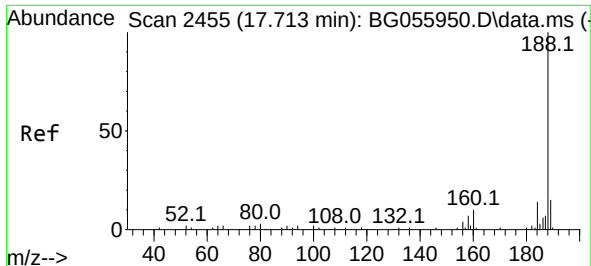
Tgt Ion:330 Resp: 76960
Ion Ratio Lower Upper
330 100
332 97.7 76.6 114.8
141 19.3 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 68.907 ng
RT: 13.612 min Scan# 1757
Delta R.T. 0.001 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

Tgt Ion:172 Resp: 138759
Ion Ratio Lower Upper
172 100
171 36.5 28.6 42.8
170 23.1 19.9 29.9

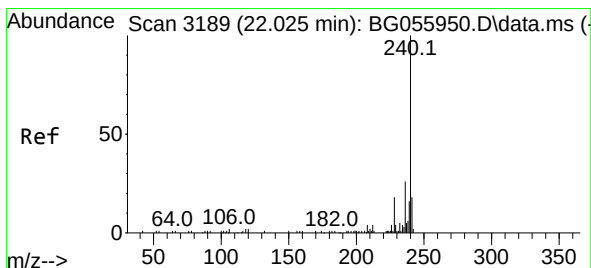
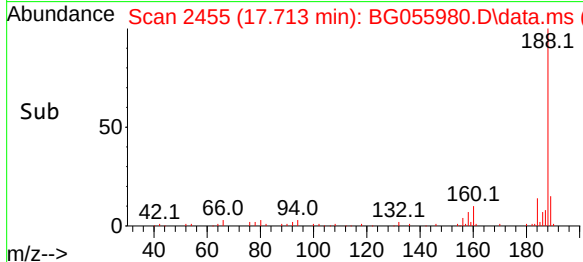
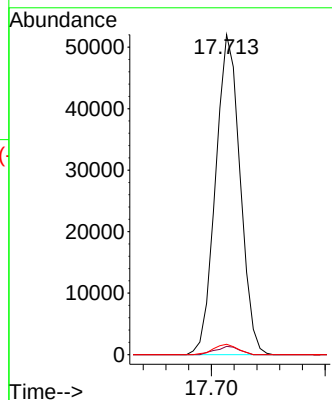
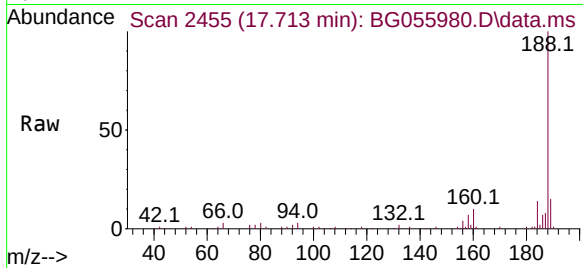




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

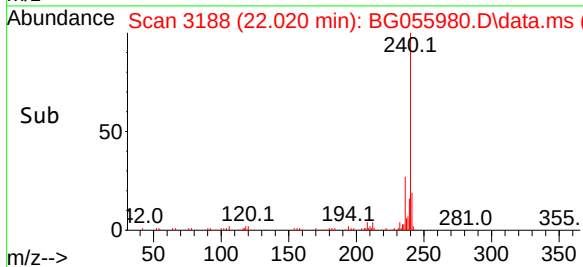
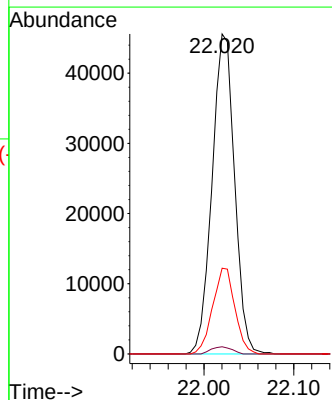
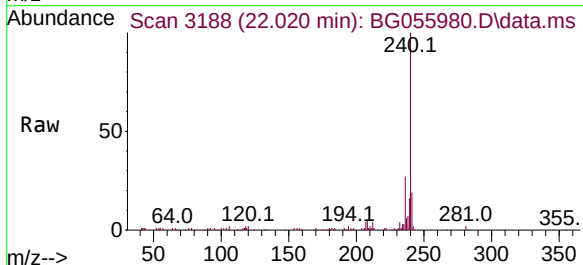
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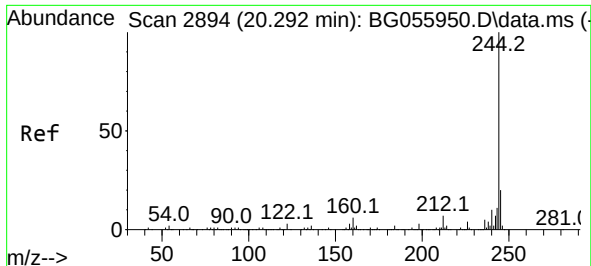
Tgt Ion:188 Resp: 77870
Ion Ratio Lower Upper
188 100
94 2.6 1.8 2.8
80 3.2 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.020 min Scan# 3188
Delta R.T. -0.005 min
Lab File: BG055980.D
Acq: 15 Dec 2022 17:07

Tgt Ion:240 Resp: 79486
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 26.8 21.1 31.7

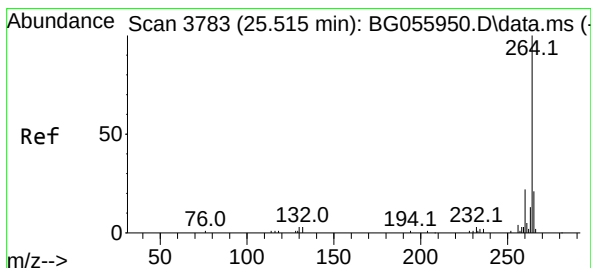
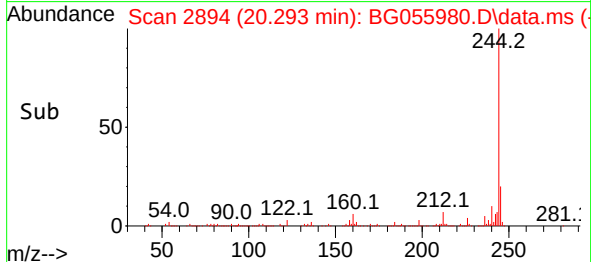
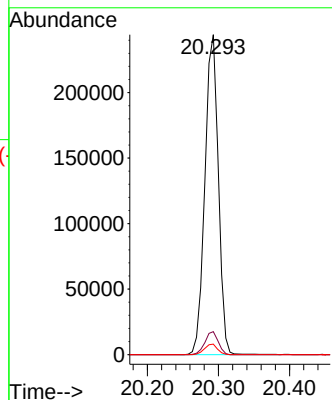
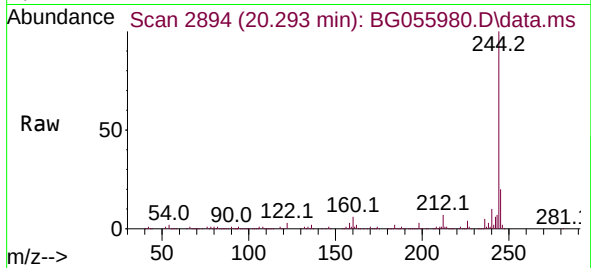




#79
 Terphenyl-d14
 Concen: 70.909 ng
 RT: 20.293 min Scan# 2894
 Delta R.T. 0.001 min
 Lab File: BG055980.D
 Acq: 15 Dec 2022 17:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-22

Tgt Ion:244 Resp: 318904
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 3.3 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.522 min Scan# 3784
 Delta R.T. 0.007 min
 Lab File: BG055980.D
 Acq: 15 Dec 2022 17:07

Tgt Ion:264 Resp: 94698
 Ion Ratio Lower Upper
 264 100
 260 25.4 17.8 26.8
 265 21.1 16.6 25.0

